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PATENT ABSTRACTS OF JAPAN(21) Application number: **05115922**(51) Intl. Cl.: **C30B 29/58 C30B 30/08**(22) Application date: **18.05.93**

(30) Priority:		(71) Applicant: HITACHI LTD
(43) Date of application publication:	22.11.94	(72) Inventor: HARADA YOSHINORI
(84) Designated contracting states:		(74) Representative:

(54) CRYSTAL GROWTH METHOD AND DEVICE THEREFOR

(57) Abstract:

PURPOSE: To set a pseudo microgravity environment and to inexpensively grow good- quality crystals by forming sandwich structure of gels contg. the materials to be crystallized and settling agent gels, and turning vessels for crystallization upside down at prescribed periods.

CONSTITUTION: The gels 6 contg. settling agents, such as protein, and the gels 7 contg. buffer solns. are superposed on each other and are put into the vessels 1 for crystallization. The gels 5 contg. the protein and nucleic acid to be crystallized or the compds. composed of these constituting elements are placed thereon; further, the gels 7 of the buffer solns. and the settling agent gels 6 are superposed on each other or the sandwich structures are formed